

Converting Colors

XYZ(28.7467, 27.1294, 17.0954)

Have a look what the booklet for
XYZ(28.7467, 27.1294, 17.0954)
contains.

XYZ(28.7541, 27.1841, 17.0961)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(28.7541, 27.1841,
17.0961)**

Conversions

Conversions Part 1

Format	Color
Hex	AF8669
RGB	175, 134, 105
RGB Percent	69%, 53%, 41%
CMY	0.3137, 0.4745, 0.5882
CMYK	0.00, 0.23, 0.40, 0.31
HSL	25°, 30%, 55%
HSV	25°, 40%, 69%
XYZ	28.7541, 27.1841, 17.0961
YIQ	142.9530, 33.7450, -0.3270

Conversions

Conversions Part 2

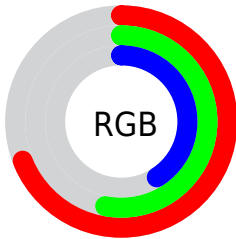
Format	Color
R_{YB}	175, 155, 105
Decimal	11503209
CIE _{Lab}	59.14, 11.75, 21.66
CIE _{LCh}	59, 24.646, 61.514
Yxy	27.1841, 0.3937, 0.3722
Android (android.graphics.Color)	4289693289 (0xFFAF8669)
YUV	142.9530, -18.7108, 28.1052
Hunter-Lab	52.1384, 7.1999, 17.0558

Details

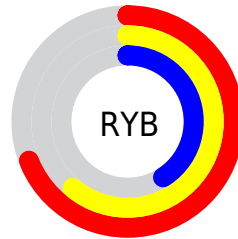
The XYZ color **28.7541, 27.1841, 17.0961** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **23.8420, 26.6551, 44.4458**, and the grayscale version is **26.1531, 27.5151, 29.9640**.

A 20% lighter version of the original color is **57.0498, 55.0968, 39.0804**, and **11.7940, 10.7010, 5.3148** is the 20% darker color. If you saturate the color by 10%, you get **26.5971, 24.1644, 12.3869**, and if you desaturate by 10%, it is **31.2349, 30.5550, 22.8270**.

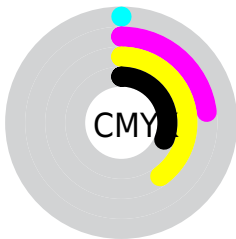
Distribution



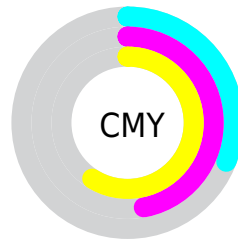
- Red (69%)
- Green (53%)
- Blue (41%)



- Red (69%)
- Yellow (61%)
- Blue (41%)



- Cyan (0%)
- Magenta (23%)
- Yellow (40%)
- Black (31%)





- Cyan (31%)
- Magenta (47%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.7541, 27.1841, 17.0961 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 28.7541, 27.1841, 17.0961 by changing the saturation by 10% instead.


 28.7541, 27.1841,
17.0961


 28.7541, 27.1841,
17.0961


288.0681,
288.5474, 247.7882


 19.0382, 17.7115,
10.1403

 57.0864, 55.1791,
39.2838


 11.8021, 10.7431,
5.3853


 76.4336, 74.4704,
55.3529

 6.6803, 5.8944,
2.4124


 99.7219, 97.8034,
75.2968

 3.3075, 2.7809,
0.7932

 127.3168,
125.5624, 99.5342

 1.3184, 1.0185,
0.0000

159.5834,
158.1320, 128.4834

 0.1969, 0.0000,
0.0000

196.8873,

 0.0000, 0.0000,

195.8964, 162.5632

0.0000

239.5938,
239.2401, 202.1919

■ 28.7541, 27.1841,
17.0961

■ 28.7541, 27.1841,
17.0961

■ 26.5971, 24.1644,
12.3869

■ 31.2349, 30.5550,
22.8270

■ 24.7465, 21.4798,
8.6363

■ 34.0516, 34.2849,
29.6343

■ 23.1863, 19.1183,
5.7764

■ 37.2182, 38.3862,
37.5707

■ 21.8977, 17.0656,
3.7300

■ 40.7472, 42.8693,
46.6850

■ 20.8592, 15.3058,
2.4060

■ 44.6505, 47.7444,
57.0230

■ 20.0297, 13.8150,
1.6109

■ 48.9392, 53.0211,
68.6282

■ 20.0297, 13.8149,
1.6109

■ 53.6241, 58.7088,
81.5418

■ 58.7157, 64.8165,
95.8032

■ 62.9923, 70.8602,
104.9651

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



31.1992, 27.1841, 21.6183



28.7541, 27.1841, 17.0961



25.6822, 27.1841, 15.7205

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



28.7541, 27.1841, 17.0961



20.3787, 27.1841, 30.0474



29.0449, 27.1841, 46.4611

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



28.7541, 27.1841, 17.0961



23.8420, 26.6551, 44.4458

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



25.9938, 27.1841, 49.8995



28.7541, 27.1841, 17.0961



21.1285, 27.1841, 39.3354

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



28.7541, 27.1841, 17.0961



20.9926, 27.1841, 22.2512



23.1254, 27.1841, 47.0664



31.3762, 27.1841, 38.4084

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



28.7541, 27.1841, 17.0961



23.7345, 27.1841, 16.5010



23.1254, 27.1841, 47.0664



28.0616, 27.1841, 48.2591

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



28.7548, 27.1854, 17.0966



65.3493, 67.0683, 63.9709



27.9974, 21.3239, 30.2442



14.3609, 14.6956, 13.8052



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



28.7548, 27.1854, 17.0966



48.0577, 43.8792, 23.0805



34.2317, 38.1392, 18.9223



8.2676, 8.5401, 8.4260



14.4017, 10.0089, 1.1729



0.4554, 0.3880, 0.0509

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



23.8420, 26.6551, 44.4458



38.0210, 42.7752, 78.8894



19.3580, 17.6870, 42.9511



7.9539, 8.5072, 10.1755



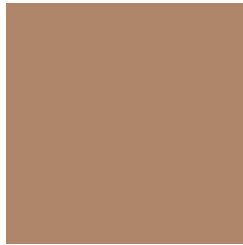
9.0403, 9.2144, 30.3466



0.3038, 0.3609, 0.8616

Previews

White Background



This preview shows how the XYZ color 28.7541, 27.1841, 17.0961 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 28.7541, 27.1841, 17.0961 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.7541, 27.1841, 17.0961

Background



This preview shows how black text looks on a background with the XYZ color 28.7541, 27.1841, 17.0961.



This preview shows how white text looks on a background with the XYZ color 28.7541, 27.1841,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

28.7541, 27.1841, 17.0961

Protanopia

25.3822, 27.1255, 18.3660

Deuteranopia

27.8065, 27.3258, 16.9055



Tritanopia

30.8706, 27.0296, 28.0163

Trichromacy



Original Color

28.7541, 27.1841, 17.0961

Protanomaly

26.4366, 27.0215, 18.0097

Deuteranomaly

28.0974, 27.2657, 16.8786

Tritanomaly

30.0785, 27.1120, 23.7265

Monochromacy



Original Color

28.7541, 27.1841, 17.0961

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.8581, 27.3097, 24.6246

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.7541, 27.1841, 17.0961 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(175, 134, 105)` looks like.

```
.text, #text, p{  
    color:rgb(175, 134, 105)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(175, 134, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 134, 105) }
```

Border

The CSS property to change the border of an element to XYZ 28.7541, 27.1841, 17.0961 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 134, 105) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(175, 134, 105) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(175, 134, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 134, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 134, 105);  
box-shadow:4px 4px 4px 4px rgb(175, 134,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 28.7541, 27.1841, 17.0961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 134, 105) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(175,  
134, 105) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor